

Title (en)

Gyratory crusher main shaft mounting assembly

Title (de)

Montageanordnung für die Hauptwelle eines Kreiselbrechers

Title (fr)

Ensemble de montage d'arbre principal de concasseur giratoire

Publication

EP 2774682 A1 20140910 (EN)

Application

EP 13158322 A 20130308

Priority

EP 13158322 A 20130308

Abstract (en)

A gyratory crusher eccentric support assembly to support the gyroscopic precession of a main shaft (107) extending through the crusher. The eccentric assembly comprises an inner bushing (126) retained in position by a surrounding sleeve (125) with the sleeve supported at its axially uppermost region by an annular support ring (122). A locking flange (209) prevents axial displacement of the bushing that is configured specifically to facilitate the removal and replacement of the bushing wear part.

IPC 8 full level

B02C 2/04 (2006.01)

CPC (source: EP US)

B02C 2/02 (2013.01 - US); **B02C 2/04** (2013.01 - EP US)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 13158322 A 20130308; AU 2014224954 A 20140127; BR 112015021496 A 20140127; CA 2900797 A 20140127; CN 201480012290 A 20140127; EP 2014051524 W 20140127; US 201414773184 A 20140127